Opioid Substitution and Pregnancy

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Methadone in pregnancy

- Many misconceptions, and much resistance to use
 - $\,{}_{\circ}\,$ Patients worry about it in pregnancy
- Uninformed healthcare providers (HCPs) see methadone as a marker of high risk and potential parenting issues/poor judgement/etc
 - I see it as evidence of ongoing engagement in care and sign of opportunity for great change

Objectives Consider rationale for opioid substitution in pregnancy Discuss pregnancy/neonatal issues Investigate the issues regarding methadone in antenatal and peripartum care

Patient experiences Government Accountability Office report (US - 2014). "Viewing pregnant patients with opioid use disorders as criminals or de facto child abusers is currently a real barrier to care and most likely to healthy pregnancies" 2014 - Tennessee law specifically targets opioid dependant pregnant women for prosecution for fetal assault

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Study on attitudes Patients My baby will be "retarded", "disabled with violent outbursts", born with "brain damage" or "hear tailure", or "not breathing and need a shot to breath" Physicians exacerbated the brain damage fears My baby exacterbated the baby exacter



Why to use methadone in pregnancy Stop the chaos and establish normalcy in day to day life.

- Time spent on accessing drugs, chaotic
- relationships, legal issues
- Can't deal with necessities of life housing,
- food, the basics, etc "determinants of health" • Chaos slows down, can deal with other issues
 - Counselling, relationships, prenatal care, nutrition, education

















Neonatal abstinence syndrome Clinical Diagnosis

- Consequence of abrupt discontinuation
- CNS predominant symptoms, GI
- May be severe and intense
- Rarely fatal but prolonged hospital stays
- Short acting opioids cause more severe and protracted NAS

Increasing in diagnosis

- 3.4/1000 LB (Florida) much higher here
- Often confounded by PTB, IUGR, LBW

NAS Studies have suggested that hospital esponse dictates expression of NAS NCU admission increases rates of medication need for NAS treatment Hospital handling of NAS more impact on NAS expression than the dose of methadone!







